

22764 U.S. PTO  
112503

Patent Application

22386 U.S. PTO  
10/722082

112503

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Allan J. Cassell and Brian Wood

Entitled: PRE-CONDITIONED SOLUTE FOR USE IN CRYOGENIC PROCESSES

Mail Stop Patent Application  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

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| <p align="center">CERTIFICATE OF MAILING BY EXPRESS MAIL</p> <p>"EXPRESS MAIL" Mailing Label No. <u>EL 777886594US</u></p> <p>Date of Deposit November 25, 2003</p> <p>I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450</p> <p>Type or Print Name <u>Martha Rocha</u></p> <p><i>Martha Rocha</i></p> <p>Signature</p> |
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Dear Sir:

REQUEST FOR FILING A NATIONAL PATENT APPLICATION

Transmitted herewith for filing, please find the following:

- X   1. Specification, claims and abstract of the above-referenced patent application having   21   pages.
- X   2.   4   sheet(s) of drawing(s) (  X   formal /    informal) comprising Figures   1   through   4  .
3. Declaration and executed Power of Attorney (       signed        unsigned).
- 3A. No filing fee, Oath, or Declaration is enclosed pursuant to 37 C.F.R 1.53(d).
4. Information Disclosure Statement along with Form PTO-1449 and references.
- X   5. This is a:        Continuation-In-Part;        Divisional;   X   **Continuation (1.53(b))**;        substitute Application (MPEP 201.09) of Application Serial No.        filed       ;        reissue of U.S. Patent No.        filed on       .
- An extension to extend the life of the above prior Application to at least the date of filing hereof
- (One box must be marked)

SUPACHILL14

Patent Application

- (a)\_\_\_ is concurrently being filed in that prior Application,  
(b)\_\_\_ was previously filed in that prior Application,  
(c)\_\_\_ is not necessary for copendency.

\_\_\_ 6. Attached is an assignment to. Please return the recorded assignment to the undersigned.

X 7. Priority is claimed under 35 U.S.C. § 119/120 based on filing in United States.

|     | <u>Application No.</u> | <u>Filing Date</u> |
|-----|------------------------|--------------------|
| (1) | 09/989,738             | November 20, 2001  |
| (2) |                        |                    |
| (3) |                        |                    |

\_\_\_ (No.) Certified copy (copies) \_\_\_ are attached; or \_\_\_ were previously filed on \_\_\_.

\_\_\_ 8. Attached is Form PTO/SB/35 NonPublication Request Under 35 U.S.C. 122(b)(2)(B)(i).

\_\_\_ 9. Attached: \_\_\_ (No.) verified statement(s) establishing "small entity" status under 37 CFR § 1.9 and 1.27.

X 10. Attached:

X Return Postcard  
\_\_\_ (Other)

\_\_\_ 11. Preliminary Amendment/Response.

# Patent Application

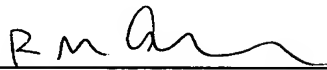
12. The following Filing Fee calculation is based on the claims filed less any claims canceled by the Preliminary Amendment of Item 11.

|   | SMALL<br>ENTITY<br>RATE |     | OR              |                   | LARGE<br>ENTITY<br>RATE |           | =      |   |                   |
|---|-------------------------|-----|-----------------|-------------------|-------------------------|-----------|--------|---|-------------------|
| BASIC<br>FEE  | \$385                   |     | <u>OR</u>       |                   | \$770                   |           | =      |   | \$ 770.00         |
|   | NUMBER<br>FILED         |     | NUMBER<br>EXTRA |                   |                         |           |        |   |                   |
| TOTAL<br>CLAIMS   | 23                      | -20 | =               | 3<br>(at least 0) | x 9                     | <u>OR</u> | x 18   | = | \$ 54.00          |
| INDEP.<br>CLAIMS  | 3                       | -3  | =               | 0<br>(at least 0) | x 42                    | <u>OR</u> | x 84   | = | \$ 0.00           |
| If any <u>proper</u> multiple dependent claim (ignore improper) is present<br>(Enter \$0.00 if this is a <u>reissue</u> application.) |                         |     |                 |                   | +\$135                  | <u>OR</u> | +\$270 | = | +\$ _____         |
| If assignment is x'd (item 6), add recording fee \$40.00  |                         |     |                 |                   |                         |           |        | = | +\$ 40.00         |
| Attached is a Rule 47 Petition (inventor refuses to sign or<br>cannot be reached) \$130   |                         |     |                 |                   |                         |           |        | = | +\$ .00           |
| <b>TOTAL FILING FEE</b>   |                         |     |                 |                   |                         |           |        | = | <b>=\$ 994.00</b> |

- \_\_\_\_ 13. A check in the amount of \_\_\_\_\_ to cover the Filing Fee calculated in Item 12 is attached. Please charge the deficiency of \_\_\_\_\_ to Simon, Galasso & Frantz PLC Deposit Account No. \_\_\_\_\_.
- \_\_\_\_ 14. Please charge SIMON,GALASSO & FRANTZ PLC, Deposit Account No. \_\_\_\_\_ in the amount of \$\_\_\_\_\_ the Filing Fee calculated in Item 12. This sheet is attached in duplicate.
- \_\_\_\_ 15. The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and may be required under 37 CFR 1.16-1.18 (missing or insufficiencies only) now or hereafter relative to this application and for the resulting Official Document under 37 CFR 1.20, and to have and cause any necessary petition for extension of time to be filed and any fees necessary to be paid for said extension of time OR credit any overpayment to SIMON, GALASSO & FRANTZ PLC Deposit Account No. \_\_\_\_\_, for which purpose a duplicate copy of this sheet is attached. **The Commissioner is not authorized to charge the issue fee until/unless an issue fee transmittal form is filed.**

Patent Application

Respectfully submitted,  
Allan J. Cassell et al

By:   
Raymond M. Galasso  
Reg. No. 37,832

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: : By the Examiner:  
Allan J. Cassell and Brian Wood :  
Serial No.: Continuation of Serial No. 09/989,738 : Group Art Unit:  
Filed: Herewith :  
Title: Pre-Conditioned Solute For Use In :  
Cryogenic Processes :

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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|---|

Dear Sir:

**TRANSMITTAL LETTER**

Transmitted herewith for filing in the above-identified Nonprovisional application for patent are the following documents:

1. Request For filing a National Patent Application (4 pages);
2. Specification, claims and Abstract ( 21 pages);
3. Four (4) sheets of formal drawings (Figs. 1-4); and
4. Confirmation Postcard.

The Commissioner is hereby authorized to charge the fees associated with this communication to Simon, Galasso & Frantz PLC Deposit Account No. 50-1259 under Reference No. Supachill14.

Respectfully submitted,  
Allan J. Cassell et al

By: Raymond M. Galasso  
Raymond M. Galasso  
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